

PE-01AQD95-P

IRS1 (891-902) KinSub Peptide Powder

15-mer kinase substrate peptide for assaying IRS1



KINEXUS

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Target Protein

Name Long:	Insulin receptor substrate 1
Name Alias:	HIRS-1; Insulin receptor substrate-1; IRS-1
Species Origin:	Mouse
UniProt ID:	P35568

Peptide Structure

Peptide Name:	IRS1 (891-902) KinSub
Peptide Origin:	Based on IRS1 phosphosite
Peptide Sequence Location:	K891-G902
Peptide Sequence:	KKKSPGEYVNIEFGG
Peptide N-Terminus:	Free amino
Peptide C-Terminus:	Acid
Peptide Modifications Other:	None

Production

Peptide Production Method:	Solid-phase peptide synthesis
Calculated Peptide Mass:	1652.8
% Peptide Purity:	> 95
Peptide Appearance:	White powder
Peptide Form:	Solid
Peptide Solubility:	Dissolve in 50 µl DMSO and dilute to desired concentration with water or aqueous buffer
Lot Number:	I15-58
Amount:	1 mg
Storage Conditions:	Frozen at -20°C
Storage Stability:	Over 1 year at -20°C

Applications

Product Use:	For assaying the phosphotransferase activity of insulin-like growth factor 1 receptor (IGF1R, UniProt ID P08069) and Vascular endothelial growth factor receptor 1 (FLT1, UniProt ID P17948).
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This product is for in vitro research use only and is not intended for use in humans or animals.

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